



SEQUENCE LISTING

<110> Olson, Gary L.
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Cook, Charles M.
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Morgan, Barry
Arico-Muendel, Christopher C.

<120> Therapeutic Agents and Methods
of Use Thereof for the Modulation of
Angiogenesis

<130> PPI-106CP2

<140> 10/001,945

<141> 2001-11-1

<150> US 09/972,772

<151> 2001-10-05

<150> US 09/704,251

<151> 2000-11-01

<160> 40

<170> PatentIn Ver. 2.0

<210> 1

<211> 4

<212> PRT

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<220>

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<223> Xaa at position 4 may be any amino acid

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<400> 1

Pro Leu Gly Xaa

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<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa at position 2 represents L-cyclohexylalanine

<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 represents methylated cysteine

<220>

<223> Description of Artificial Sequence: Motifs

<400> 2
Pro Xaa Gly Xaa His
1 5

<210> 3
<211> 8
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<220>
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<400> 3
Pro Gln Gly Ile Ala Gly Gln Xaa
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<400> 4
Pro Gln Gly Ile Ala Gly Trp
1 5

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<223> Xaa at position 4 represents methylated cysteine

<220>
<221> VARIANT
<222> 7
<223> Xaa at position 7 represents D-Arginine

<400> 5
Pro Leu Gly Xaa His Ala Xaa
1 5

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<223> Xaa at position 7 represents D-Arginine

<400> 6
Pro Leu Gly Leu Trp Ala Xaa
1 5

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Pro Leu Ala Leu Trp Ala Arg
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<220>
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<400> 8
Pro Leu Ala Leu Trp Ala Arg
1 5

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Pro Leu Ala Tyr Trp Ala Arg
1 5

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<400> 10
Pro Tyr Ala Tyr Trp Met Arg
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<221> VARIANT

<222> 2

<223> Xaa at position 2 represents L-cyclohexylalanine

<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 represents L-norvaline

<400> 11

Pro Xaa Gly Xaa His Ala
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<210> 12

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<223> Description of Artificial Sequence: Motifs

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<222> 4

<223> Xaa at position 4 represents L-norvaline

<400> 12

Pro Leu Ala Xaa
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<210> 13

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<400> 13

Pro Leu Gly Leu
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<400> 14

Pro Leu Gly Ala
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<210> 15

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<400> 15
Arg Pro Leu Ala Leu Trp Arg Ser
1 5

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<223> Xaa at position 2 represents L-cyclohexylalanine

<220>
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<222> 4
<223> Xaa at position 4 represents L-a-aminobutyryl

<220>
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<222> 5
<223> Xaa at position 5 represents methylated cysteine

<400> 16
Pro Xaa Ala Xaa Xaa His Ala
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<210> 17
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<223> xaa at position 2 represents L-cyclohexylalanine

<220>
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<222> 5
<223> Xaa at position 5 represents methylated cysteine

<400> 17
Pro Xaa Ala Gly Xaa His Ala
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<210> 18
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Pro Lys Pro Gln Gln Phe Phe Gly Leu
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<400> 19
Pro Lys Pro Leu Ala Leu
1 5

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Arg Pro Lys Pro Tyr Ala Xaa Trp Met
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<400> 21
Arg Pro Lys Pro Val Glu Xaa Trp Arg
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<220>
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<223> Xaa at position 7 represents L-norvaline

<400> 22
Arg Pro Lys Pro Val Glu Xaa Trp Arg
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<220>
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<223> Xaa at position 7 represents L-norvaline

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Arg Pro Lys Pro Leu Ala Xaa Trp
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<223> Description of Artificial Sequence: Motifs

<220>
<221> VARIANT
<222> 1
<223> Xaa at position 1 represents a modified Proline
residue having an acetyl group attached

<400> 24
Xaa Leu Gly Met Trp Ala
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<210> 25
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<400> 25
Gly Pro Leu Gly Met His Ala Gly
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<220>
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<222> 4
<223> Xaa at position 4 represents methylated glycine

<400> 26
Gly Pro Leu Xaa
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<210> 27
<211> 4
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<223> Description of Artificial Sequence: Motifs

<400> 27
Gly Pro Leu Gly
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<210> 28
<211> 5
<212> PRT
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<220>
<223> Description of Artificial Sequence: Motifs

<400> 28
Gly Met Gly Leu Pro
1 5

<210> 29
<211> 5
<212> PRT
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<220>
<223> Description of Artificial Sequence: Motifs

<400> 29
Ala Met Gly Ile Pro
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<210> 30
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<212> PRT
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<223> Description of Artificial Sequence: Motifs

<220>
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<222> 5
<223> Xaa at position 5 represents a modified tyrosine
residue having an O-Methyl group attached

<400> 30
Gly Arg Gly Asp Xaa Arg Glu

1

5

<210> 31
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<223> Description of Artificial Sequence: Motifs

<400> 31
Gly Arg Gly Asp Ser Pro
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<400> 32
Gly Arg Gly Asp
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<223> Description of Artificial Sequence: Motifs

<220>
<221> VARIANT
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<223> Xaa at position 1 represents a modified Arginine
residue having an acetyl group attached

<400> 33
Xaa Gly Asp Ser Pro Leu Gly Met Trp Ala
1 5 10

<210> 34
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<220>
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<222> 1
<223> Xaa at position 1 represents a modified Proline
residue having an acetyl group attached

<400> 34
Xaa Leu Gly Met Ala
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<210> 35
<211> 7
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<220>
<223> Description of Artificial Sequence: Motifs

<400> 35
Pro Leu Gly Met Trp Ser Arg
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Pro Leu Gly Met Gly
1 5

<210> 37
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<400> 37
Met Trp Ala
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<210> 38
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<220>
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<400> 38
Met Gly
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<210> 39
<211> 8
<212> PRT
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<400> 39

Gly Pro Leu Gly Met Trp Ala Gly
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<210> 40

<211> 4

<212> PRT

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<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 represents 3-amino-
3-pyridyl-propionic acid

<400> 40

Gly Arg Gly Xaa
1